

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Docket Number
10191/3273

Application Number
To Be Assigned

Filing Date
Herewith

Examiner
To Be Assigned

Art Unit
To Be Assigned

Title
**ELECTROCHEMICAL SENSOR FOR
MEASURING THE CONCENTRATION OF
NITROGEN OXIDES**

Applicant(s)
Werner GRUENWALD

Address to:
Commissioner for Patents
P.O. Box 1450
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1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicant(s) hereby bring the following reference(s) to the attention of the Examiner. The reference(s) are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated on the modified PTO form 1449.

Dated: 14 July 1987

By: 

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 10191/3273	SERIAL NO. Not yet assigned
	APPLICANT(s) Werner GRUENWALD	
	FILING DATE Herewith	GROUP Not yet assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,769,124	Sept. 6, 1988	Okada et al.			
	5,314,604	May 24, 1994	Friese et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	44 39 901	May 9, 1996	Germany			X*	
	43 40 875	June 8, 1995	Germany			X*	
	0 552 174	July 28, 1993	Europe			X*	
	0 731 911	Sept. 18, 1996	Europe			X*	
	0 678 740	Oct. 25, 1995	Europe			N/A	

* English Abstract provided.

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		Nobuhide Kato et al., "Thick Film ZrO ₂ NO _x Sensor", SAE Technical Paper Series, International Congress & Exposition, Feb. 26-29, 1996

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	